

Brian Short

Web and Mobile Applications Developer - Full Stack Software Engineer

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EXPERIENCE

Avant-garde Health, Boston, MA

Senior Architect / Head of Product

October 2016 - March 2017

Led development and product teams to update the architecture of the core application and worked with customers to help determine product direction. Designed and built a new platform architecture based in Node.js using Express, MongoDB for better performance for the analysis engine, and using Angular and Chart.js for presentation. Refactored Python application built using Django to improve performance and reduce overhead required in processing large files.

Corsis, New York, NY — Senior Architect

July 2012 - PRESENT

Evaluated and assessed platform architectures for due-diligence projects that used Node, AngularJS, and AWS PaaS services. Created analyses and produced sample applications that implemented recommendations.

Bluemetal Architects, Watertown, MA

Practice Director / Principal Architect

March 2014 - October 2016

Joined as part of the senior leadership team to build an open source practice. Built a variety of applications, including a partner portal for Red Hat, based in Drupal, running against a MySQL database, and deployed into AWS. Created a custom solution for ActionsXchange using Java, Oracle, and Angular.js.

Northpoint Solutions, New York, NY

Partner / Senior Manager / Principal Architect

January 2008 - March 2014

Worked as part of the senior leadership team to determine company direction and focus. Lead a practice of 25 developers, with an eight million dollar P/L target. Built high-volume customer-facing applications for Christie's, Rodale, Martha Stewart, Lifetime, Tylenol, Meredith, and Shaw using Drupal, Ektron, Sitecore, Symfony, and Alfresco.

SKILLS

MEAN Stack - MongoDB, Express, AngularJS, React / Redux, Node.js

LAMP Stack - Linux, Apache / Nginx, MySQL, PHP

.NET Stack - ASP.NET, Microsoft SQL Server, IIS

JavaScript, jQuery, React, Angular.js, CoffeeScript

Twitter Bootstrap, Responsive Design, LESS / SASS

Drupal, Wordpress, Sitecore, Ektron, Alfresco

Django, Anaconda, Python

AWS Deployment and Architecture

Arduino, Beaglebone Black, Raspberry Pi, OBD-II

Presentations / Talks

Refactoring using AngularJS
- OpenCamp - United Nations - 2017 (scheduled)

New approaches in Node.js - OpenCamp - United Nations - 2017 (scheduled)

Running your IOS app with Drupal - OpenCamp - United Nations - 2016

IOT and Drupal OpenCamp -

CBS Network, New York, NY — Senior Application Developer

November 2003 - December 2007

Created custom application and framework to manage incoming communications from viewers using ASP.NET and Microsoft SQL Server. Implemented critical features in new core business system using .NET Enterprise 2.5, remoting, and stored procedures in MSSQL.

Empire Software, New York, NY — Senior Developer

August 2002 - November 2003

Built custom application for a new search engine using PHP and MySQL. Created new application to manage listener data using PHP and Oracle for Infinity Radio. Created custom enhancements for e-commerce system for a light manufacturer.

BigBad, Inc., Boston, MA — Senior Developer

November 1999 - August 2002

Created custom e-commerce application for Astrodyne using Commerce Server, ASP, and Microsoft SQL Server. Created custom content management system that was used for a variety of customers and was based in ASP.

nFront, Inc., Atlanta, GA — Internet Applications Developer

August 1998 - November 1999

Created new import procedure to acquire data from banks that allowed quicker processing and provided for data updates within the SaaS application. Created reporting application that provided customer insights around usage and engagement for bank administrators.

EDUCATION

University of Florida — B.S. in Mathematics

August 1998

With concentrations in Computer Science, Pure Mathematics, and Physics

United Nations – 2016

Spruce Up Your Admin Section and Create Happier Clients Design4Drupal – 2013

Building Content Repositories – DrupalCamp NYC 2013

Delivering 6 million pageviews per hour with Drupal – DrupalCamp NYC 2012

LANGUAGES

JavaScript, Python, PHP, C#, Ruby, VisualBasic, Java